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## Summary Report

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# NEW MICROWAVE RADIO RELAY STATIONS IN CANTON MILITARY REGION, CHINA (S)

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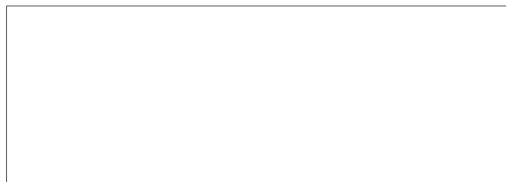
JANUARY 1978

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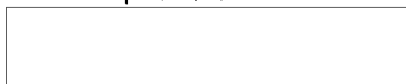


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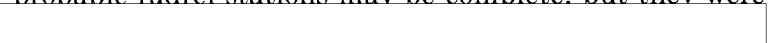
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## NEW MICROWAVE RADIO RELAY STATIONS IN CANTON MILITARY REGION, CHINA (S)

(S/WNINTEL) This report summarizes the construction of a system of microwave radio relay (radrel) stations between Nan-ning and Canton in Canton Military Region, China (Figure 1). This system, which consists of ten confirmed and three probable radrel stations (Table 1) in an approximate east/west alignment covering about 470 kilometers, was observed under development between December 1976 and December 1977.

(TSR) The first evidence of this system was observed  when five probable radrel stations were seen under construction. Three of these five probable radrel stations may be complete, but they were not covered on 1977 imagery. On  ten radrel stations, including the two remaining probable radrel stations, were externally complete. Each confirmed station consists of one control building with two roof-mounted microwave dishes and from five to 18 support buildings.

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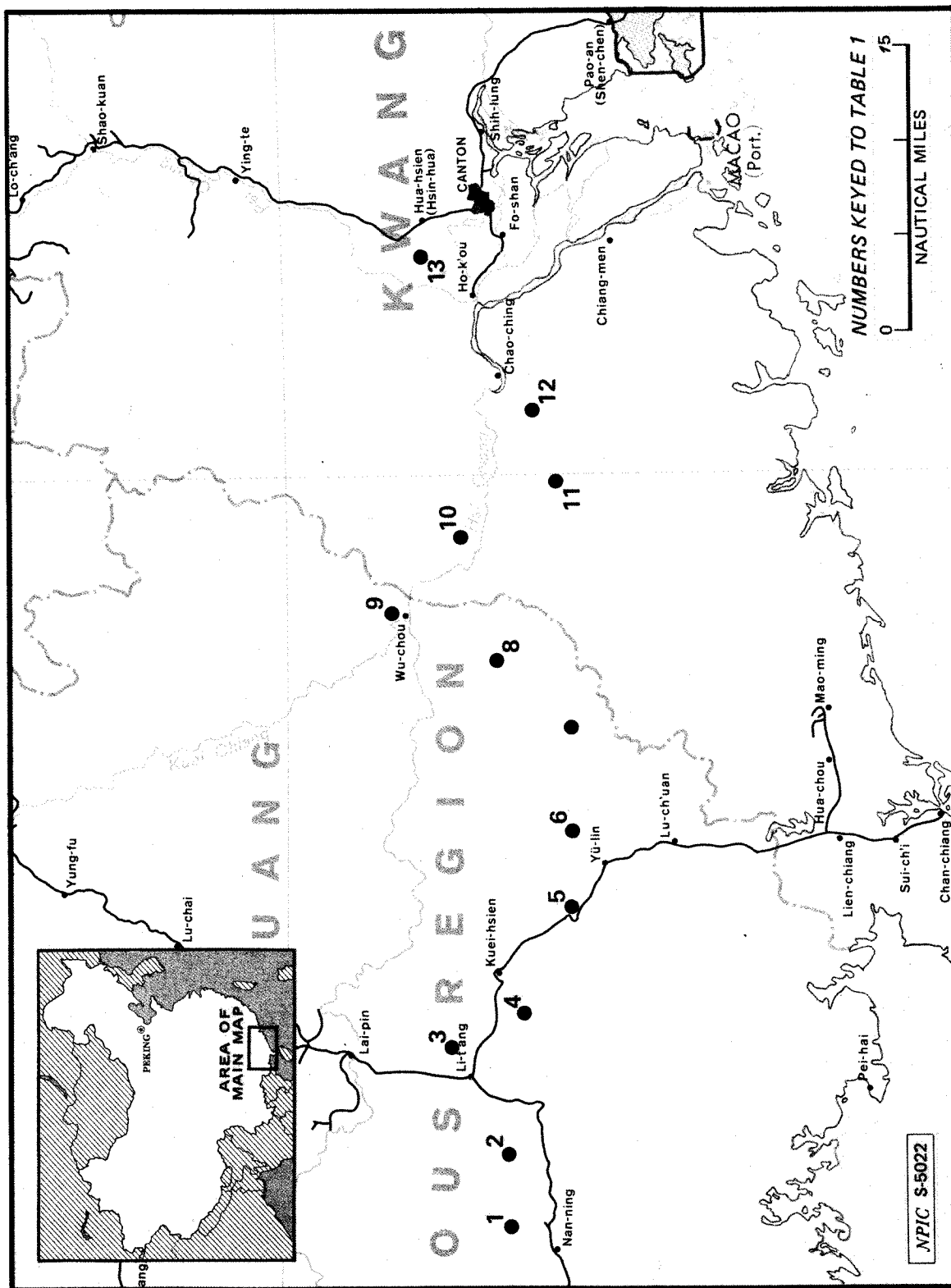


FIGURE 1. NEW MICROWAVE RADIO RELAY STATIONS IN CANTON MILITARY REGION, CHINA

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Table 1. New Radrel Stations in Canton Military Region (Keyed to Figure 1)

*This table in its entirety is classified TOP SECRET RUFF*

Item	Name	Geographic Coords	No of Dishes	Azimuths in Degrees (accuracy factor)	Remarks
1	Shuang-chiao Prob Radrel Sta	23-01-56N 108-24-34E	--	--	
2	Chiu-tang Prob Radrel Sta	23-03-08N 108-43-36E	--	--	
3	Li-tang Prob Radrel Sta	23-14-32N 109-13-14E	--	--	
4	Hsi-shan Radrel Sta	22-59-15N 109-27-34E	2	*	Control bldg, a bks, & 11 support bldgs
5	Shih-nan Radrel Sta	22-47-40N 109-55-22E	2	*	Control bldg, 2 bks, a messhall, & 9 support bldgs
6	Pei-liu Radrel Sta	22-45-02N 110-19-52E	2	*	Multistory control bldg, a bks, a messhall, & 16 support bldgs
7	Jung-hsien Radrel Sta	22-46-17N 110-46-24E	2		Control bldg, a bks, a prob mess- hall, & 3 support bldgs
8	No-tung-hsu Radrel Sta	23-08-39N 111-07-04E	2		Control bldg, 12 support bldgs, & a water tank
9	Wu-chou Radrel Sta	23-29-14N 111-19-59E	2		Control bldg, a bks, a prob mess- hall, a poss veh/equip stor shed, 4 support bldgs, & a water tank
10	Chang-kang Radrel Sta	23-15-52N 111-41-03E	2		Control bldg & 8 support bldgs
11	Yun-fou Radrel Sta	22-51-56N 111-58-20E	2		Control bldg, a prob bks, a prob messhall, & 8 support bldgs
12	Yao-ku Radrel Sta	22-55-03N 112-18-16E	2		Control bldg, a prob bks, a prob messhall, & 10 support bldgs
13	Pi-tsun Radrel Sta	23-22-57N 113-02-43E	2		Control bldg, 3 poss bks, a prob messhall, & 5 support bldgs

\*Azimuths not measurable due to quality of available imagery.

\*\*Accuracy not defined.

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